



## Project Summary

### Steelhead Trout Submersible Offshore Farm

Blue Water Fisheries, LLC (BWF), in conjunction with Innovasea Systems, Inc. of Boston, Massachusetts, is working to permit, develop and operate a commercial aquaculture farm (Farm) to raise *Oncorhynchus mykiss* (steelhead trout) and *Cyclopterus lumpus* (lumpfish) off the coast of New Hampshire in waters with federal jurisdiction.

The Farm will acquire diploid, all female, trout eggs from Trout Lodge or Riverance hatcheries on the west coast of the United States. The eggs are certified disease free before shipping to the Farm's New Hampshire land based freshwater hatchery. The eggs will be hatched and reared in the Farm's freshwater hatchery for six to eight months before being acclimatized to saltwater and transferred to the offshore SeaStation net pens once the fry achieve a mean size of 200g. The fry will then be grown out for an additional ten to twelve months at which point they will be harvested for land based processing and sale.

A small number of lumpfish will be hatched and raised in the same hatchery as part of a University of New Hampshire research project on the use of lumpfish as a natural way to maintain healthier ocean raised fish stocks.

The Farm will utilize Innovasea's SeaStation 14,500 m<sup>3</sup> submersible fish pens in a 2x10 mooring grid configuration. When fully built out, the Farm will consist of two 2x10 grids of submersible SeaStation fish pens. Further, the Farm will be constructed on a phased schedule thereby assuring the stability and integrity of each phase before installing subsequent phases. The accompanying drawings show the nominal overall design for

a 2x10 grid as well as the typical components that make up the system. Attachment One. The drawings and component listed will be modified once the engineering has been completed based on the chosen site's characteristics.

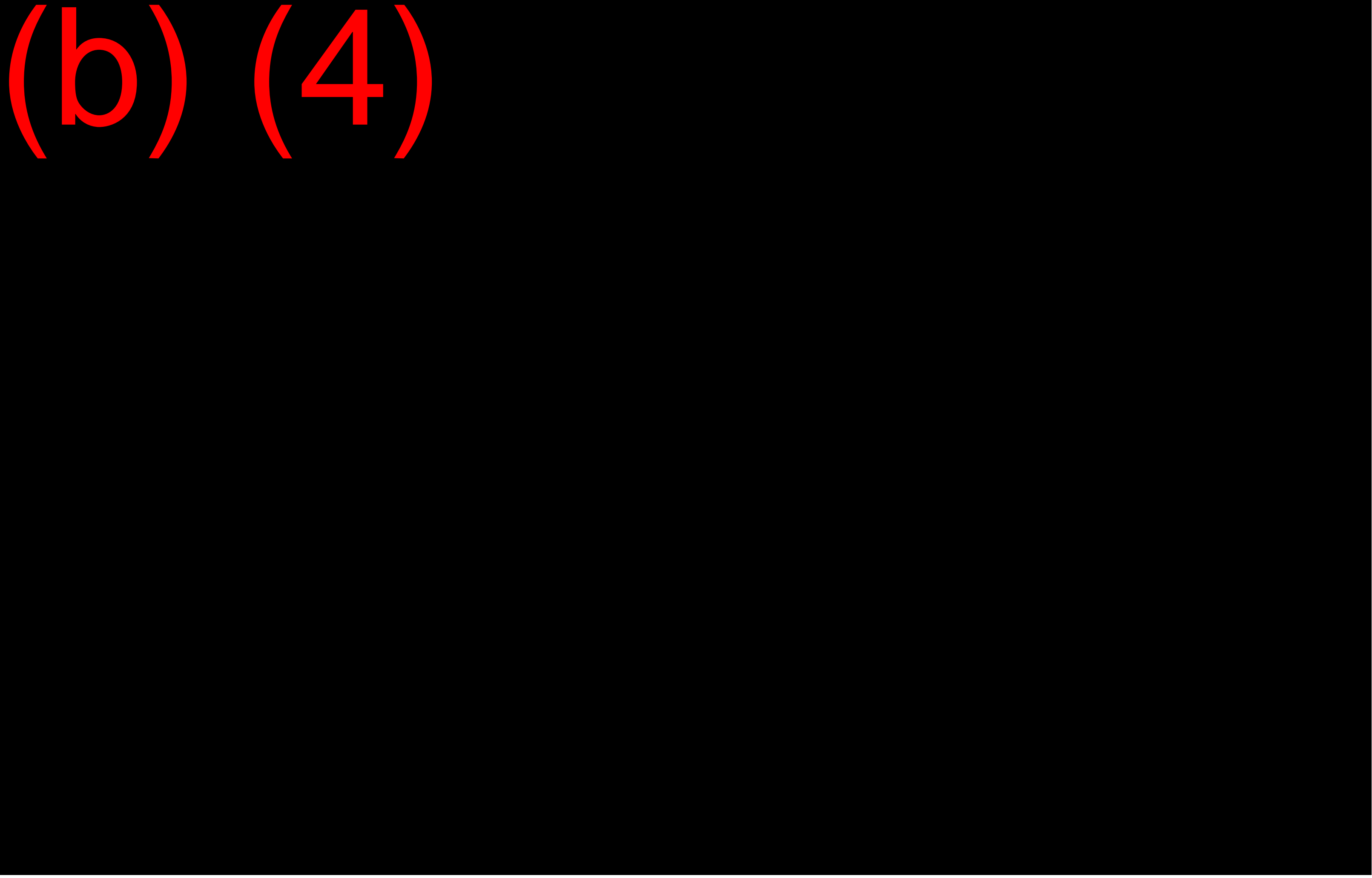
The Farm's preliminary details are as follows:

Volume of each SeaStation pen:	14,500 m <sup>3</sup>
Dimensions of one SeaStation pen cell:	100 m x 100 m
Height of a SeaStation pen:	30.6 m
Diameter of a SeaStation pen:	45.6 m
Area of 2x10 grid:	229 acres
Dimensions of 2x10 grid:	1,442 m x 642 m
Nominal water depth of farm site:	60 to 80 m
Nominal Anchor Scope:	5:1
Full Production from a 2x10 Grid:	6,400 tons of steelhead trout annually
Full Production with two operational grids:	12,800 tons of steelhead trout annually

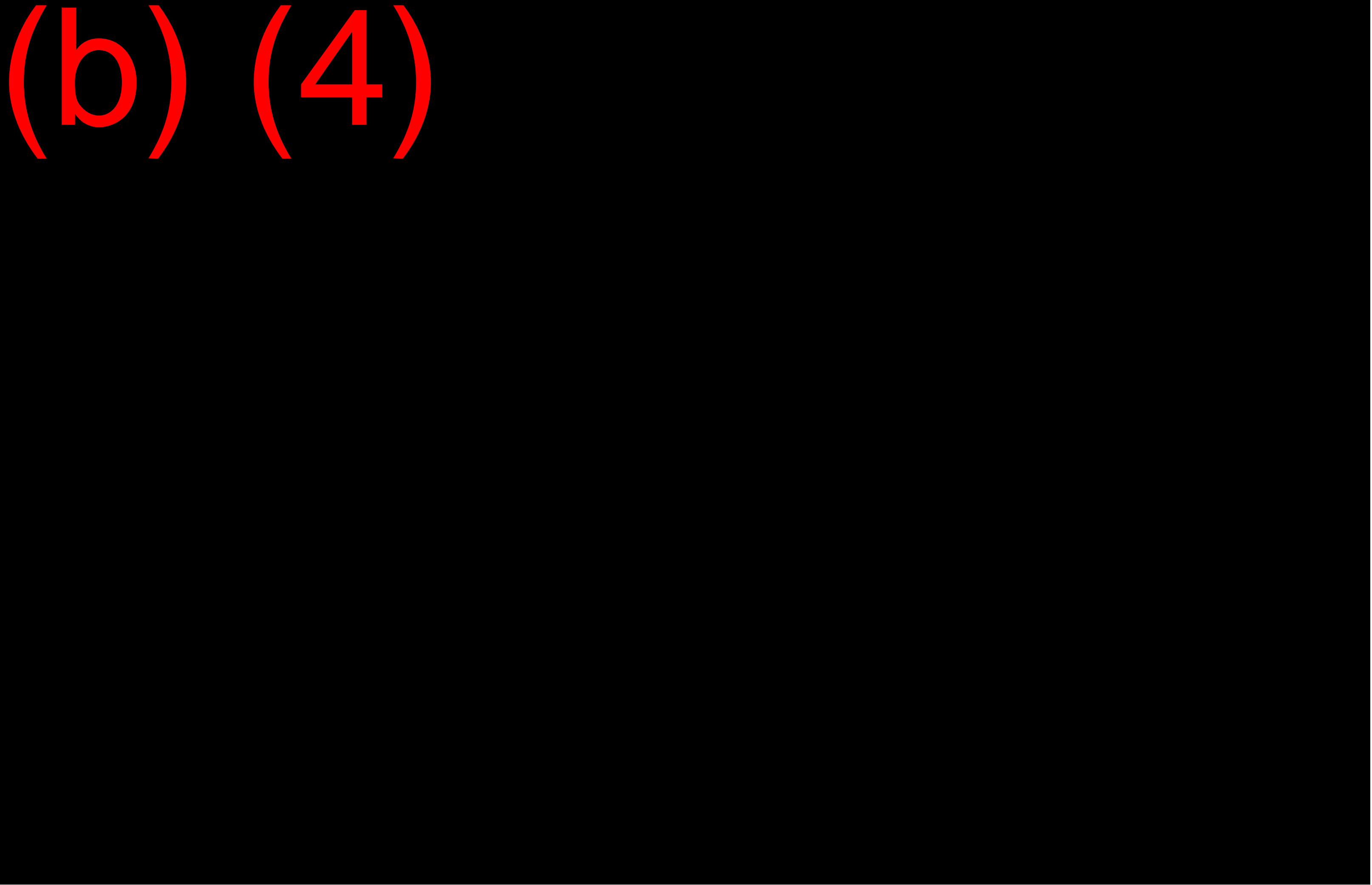
## Attachment One

### Innovasea's SeaStation Nominal Layout Plan 2x10 Grid

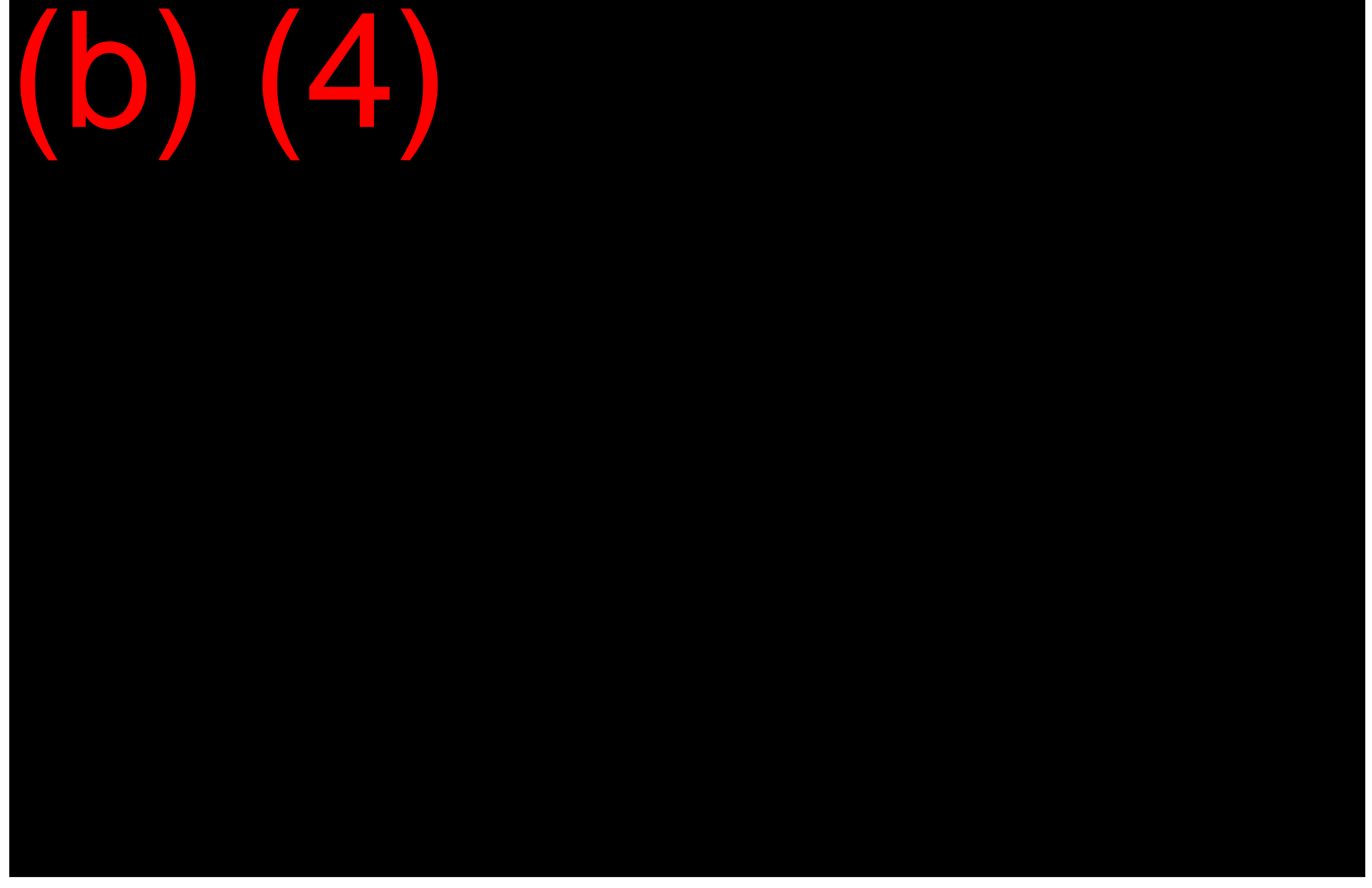
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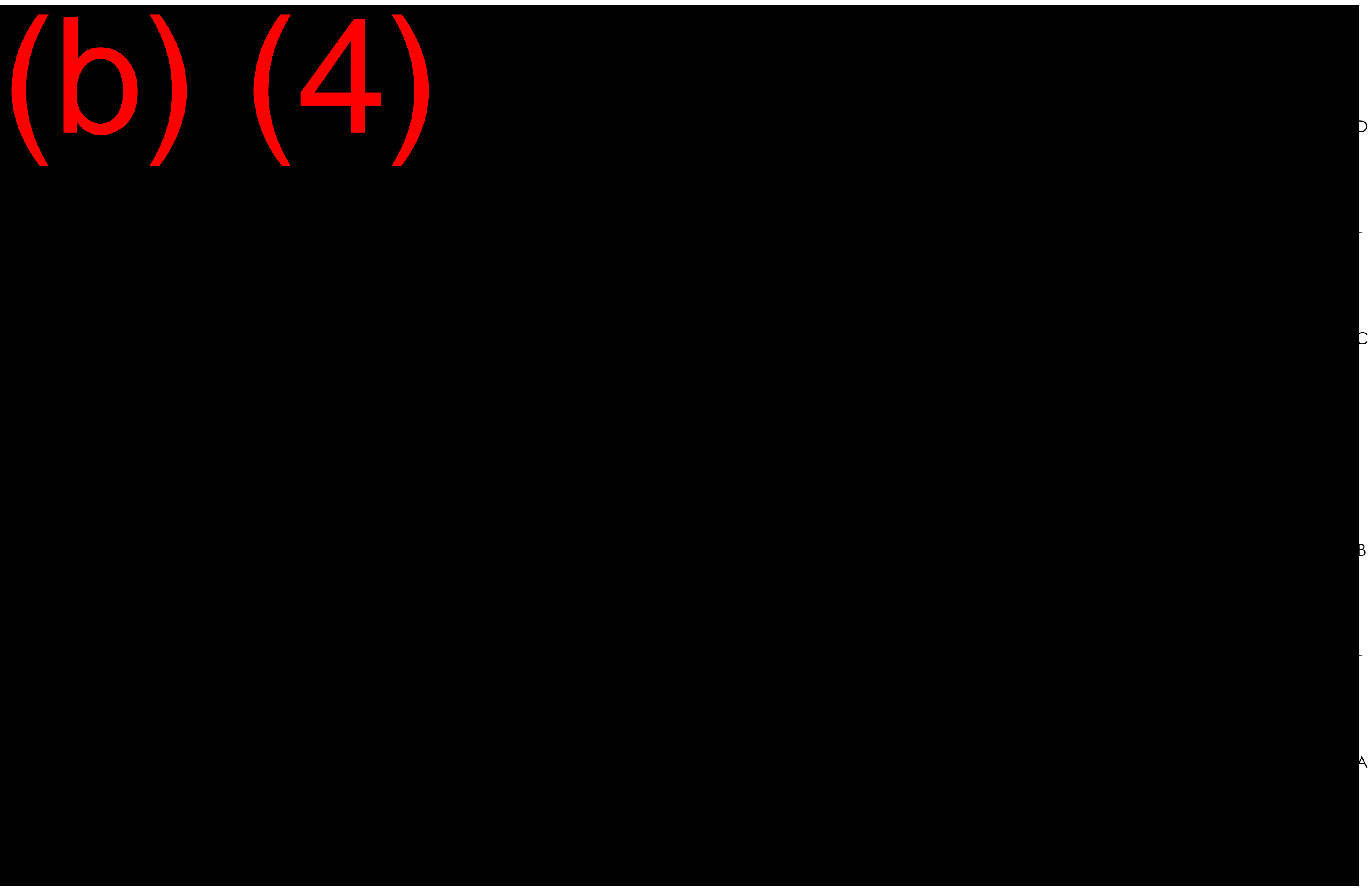


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